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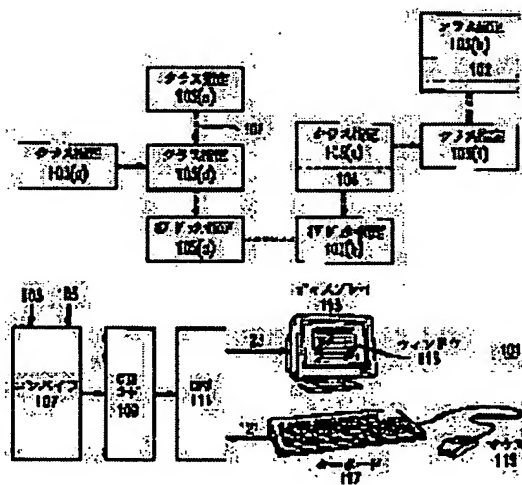
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(54) GRAPHIC PROGRAMMING CLASS LIBRARY

(57)Abstract:

PURPOSE: To obtain a C++ class library used for generating a data visualization program by designating the object class of an object which succeeds a substance class and also has an additional functionality by means of a third class designation which designates the succession of the substance class and an area class.

CONSTITUTION: A primitive code by which a compiler 107 generates a code 109 adds an object designation (specification) 105 and a class designation (specification) 103. The class which is designated by the class designations 103d, 103c and 103a for designating the object class which is designated by the object designation 105a is succeeded. A normal function designation 104 adds the code for designating an operation interface and executing the operation and a virtual function designation 102 designates the interface. The code for executing the operation is added to a single normal function 104 and the respective kinds of



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class designations 103 succeeding the class having the virtual function are provided with the normal functions 104 which are respectively different against the virtual functions.

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